

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) Food cooking surface for a kitchen utensil or cooking appliance, characterized in that this cooking surface is of an amorphous metal alloy.

2. (currently amended) Cooking surface according to ~~the preceding~~ claim 1, characterized in that the alloy contains a nanocrystalline phase.

3. (currently amended) Food cooking surface for a kitchen utensil or cooking appliance according to ~~one of the preceding claims~~ claim 1, characterized in that the alloy has the formule $A_aD_bE_cX_d$ in which:

- A is one of the elements Zr or Cu,
- D is at least one element chosen from the group consisting of Ni, Cu, Al if A is Zr or at least one element chosen from the group consisting of Ni, Zr, Al if A is Cu,
- E is at least one element chosen from the group consisting of Ti, Hf,
- X represents the impurities of production, with:
 - 40 % < a < 70 % at,
 - 5 % < b < 30 % at,

- $c < 10\%$ at,
- $d < 1\%$ At, and
- $a+b+c+d = 100\%$ at.

4. (original) Food cooking surface for a kitchen utensil or cooking appliance according to claim 3, characterized in that the metal alloy is of the formula $Zr_aCu_bNi_cAl_dTi_eX_f$,

- where a, b, c, d, e, are the respective proportions of Zr, Cu, Ni, Al and Ti in the alloy, said proportions being comprised within the following ranges:

- $40\% < a < 70\%$
- $10\% < b < 25\%$
- $5\% < c < 15\%$
- $5\% < d < 15\%$
- $2\% < e < 10\%$,

- where x represents the impurities of production, with $f < 1\%$ at,
- where $a+b+c+d+e+f = 100\%$ at.

5. (currently amended) Food cooking surface for a kitchen utensil or cooking appliance according to ~~one of the preceding claims~~ claim 1, characterized in that it is obtained by the deposit of a suitable thickness of metallic material on a substrate.

6. (original) Food cooking surface for a kitchen utensil or cooking appliance according to claim 5, characterized in that the deposit is obtained by cathode sputtering of a massive target.

7. (original) Food cooking surface for a kitchen utensil or cooking appliance according to claim 6, characterized in that the target is obtained by assembly on a copper substrate of one or several sheets or plates of a material having the desired composition, said sheets or plates being obtained either by powder sintering or thermal projection of powder, or resulting from casting.

8. (currently amended) Food cooking surface for a kitchen utensil or cooking appliance according to ~~one of claims 5 to 7~~ claim 5, characterized in that the material results from a powder of the alloy obtained by grinding of a crystallized alloy, said powder then undergoing a step of vitrification.

9. (currently amended) Food cooking surface for a kitchen utensil or cooking appliance according to ~~one of claims 1 to 4~~ claim 1, characterized in that it is obtained by assembly of an amorphous alloy sheet on a substrate.

10. (original) Food cooking surface for a kitchen utensil or cooking appliance according to claim 9, characterized in that the sheet is obtained by rolling of an amorphous ingot resulting from melting of a mixture of metals.

11. (original) Food cooking surface for a kitchen utensil or cooking appliance according to claim 9, characterized in that the sheet is obtained by the technique of solidification on a wheel.

12. (currently amended) Food cooking surface for a kitchen utensil or cooking appliance according to ~~one of claims 9 to 11~~claim 9, characterized in that the assembly is carried out by one of the following techniques: colaminating, brazing, hot striking.

13. (currently amended) Food cooking surface for a kitchen utensil or cooking appliance according to ~~one of claims 9 to 12~~claim 9, characterized in that the sheet and the substrate undergo, after assembly, a step of forming by stamping.

14. (currently amended) Food cooking surface for a kitchen utensil or cooking appliance according to ~~one of claims 5 to 13~~claim 5, characterized in that the substrate is composed of one or more metal sheet(s) of the following materials: aluminum, stainless steel, cast iron, steel, copper.

15. (new) A kitchen utensil or cooking appliance having a food cooking surface as defined in claim 1.